

1. A data delivering method delivering data to a device which is connected to a network, comprising:

collecting element data by the second device according to the structure information; and

```
2.      A data delivering method delivering data
       device which is connected to a network,
using:
```

collecting element data according to the first  
 mation by the device identified by the second  
 mation; and

```
25         delivering the collected element data from the
```

5           3.       The method according to claim 2, wherein  
              the structure information includes fourth  
              information for assembling collected element data;  
              and

4. The method according to claim 2, wherein:  
15 the structure information includes fourth  
information for assembling collected element data;  
and

5. The method according to claim 2, wherein:  
the third information specifies a destination  
group including a plurality of destination devices;  
25 and

5 information.

```
10  second information in the structure information.
```

15 device, a second relay device connected to the first

```
device;
```

```
20     collecting first element data by the first
```

```
relay device according to the structure information;
```

```
25     delivering the first and the second element
```

5            8.        The method according to claim 7, wherein  
the first element data is delivered from the  
first relay device to the destination device.

```

        generating structure information by the source
15  device;

```

```
collecting second element data by the second
relay device according to the structure information;
```

```
collecting third element data by the third
relay device according to the structure information;
```

25 and

delivering the first and the third element data from the third relay device to a destination device connected to the third relay device.

- 5           10.   A data delivering method delivering data from a source device to a destination device in a system including the source device, a first relay device, a plurality of second relay devices arranged in parallel, comprising:
- 10           generating, by the source device, structure information including information specifying a relay device group including a plurality of second relay devices;
- collecting first element data by the first
- 15   relay device according to the structure information;
- recognizing, by the first relay device, the plurality of second relay devices belonging to the relay device group specified by the structure information;
- 20           delivering the first element data to the plurality of second relay devices;
- respectively collecting element data by the plurality of second relay devices according to the structure information; and
- 25           delivering the first element data and the

0046225960

element data collected by the plurality of second relay devices from the plurality of second relay devices to corresponding destination devices.

5           11. A data delivering system delivering data to a device which is connected to a network, comprising:

          a first device which generates structure information indicating element data to be delivered  
10 to a destination device; and

          a second device which receives the structure information from the first device, collects the element data according to the structure data, and delivers the element data to the destination device.

15

          12. A data delivering system delivering data to a device which is connected to a network, comprising:

          a first device which generates structure information including first information for identifying element data to be delivered to a destination device, second information identifying a device which collects the element data, and third information for identifying the destination device;

25 and

00567225-00400

5

10

15

data and transmits it to said second relay device according to the structure information,

20

25

```

    said source device generates structure
5  information,

```

10       said second relay device collects second  
element data and delivers the first and second  
element data to a destination device connected to  
said second relay device according to the structure  
information,

15. A delivery source device, arranged in a  
20 data delivering system where structure information  
including first information for identifying element  
data to be delivered to a destination device, second  
information for identifying a device that collects  
the element data, and third information for  
25 identifying the destination device is generated,



5

information; and

10

15

20

25 according to the first information; and

5

10

15

20

25

first program code analyzing structure information including first information for identifying element data to be delivered to a destination device, and second information for identifying the destination device;

second program code collecting element data according to the first information; and

third program code transferring the element data to the destination device according to the  
5 second information.

001260-522/9960